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AMENDMENTS TO THE ABSTRACT:

A carbon nano-tube field emission display has a plurality of strip shaped ~~[[gate]]~~ gates, wherein the strip shaped gate of the triode structure is ~~[[now]]~~ in place of the conventional hole shaped gate, and moreover, ~~pluralities~~ a plurality of cathode electrons are induced by the electric force from the side of the gate. Therefore, when the carbon nano-tube electron emission source emits electrons, which ~~[[is]]~~ are controlled under the strip shaped gate, ~~[[and]]~~ the diffusion direction of the electron beam is confined in the same direction. Consequently, controlling the image pixel and using the particular advantage of the triode-structure field emission display significantly improve the image uniformity and the luminous efficiency.